Listing of the Claims

1. (currently amended) Method of processing digital data descriptors associated with a data stream, said descriptors containing structure information related to said stream and intended to be stored in the form of description units on a recording medium with said data stream, and being read together with the reading of the corresponding data stream, comprising the steps of

- writing the data stream on the recording medium,
- constructing description units ~~(25, 35)~~ and storing of these description units in at least one memory buffer ~~(20, 30, 300a, 300b, 300c, 300d)~~ prior to their recording on a recording medium ~~(11,108)~~,

transferring said description units ~~(25, 340)~~ from the at least one memory buffer to the recording medium when said at least one memory buffer have reached a predetermined threshold,

- reading of said recorded data stream on the recording medium and of associated description units,

wherein said associated description units ~~(25, 35)~~ are read from a second at least memory buffer ~~(20, 30, 300a, 300b, 300c, 300d)~~ prior to their recording when said associated description units have not yet been transferred on the recording medium ~~(11, 108)~~.

2. (previously presented) Method according to Claim 1 wherein the data being grouped in sequence, the descriptors associated with these data also being grouped into a sequence,
- a description unit is constructed from at least one sequence containing at least one descriptor, each description unit being of fixed size and containing only full sequences of descriptors.

3. (previously presented) Method according to Claim 2 wherein a complete description unit is transferred from a memory buffer onto the recording medium when the room available in the memory buffer is less than the memory room required to record therein a complete descriptor sequence.

4. (previously presented) Method according to Claim 2 wherein when the sequences of descriptors are of variable size, a description unit is transferred from the memory buffer onto the recording medium when on concluding the addition of a descriptor into the memory buffer, the memory buffer is full.

5. (previously presented) Method according to Claim 3 wherein, following the recording of complete sequences of descriptors of a memory buffer to the recording medium, the descriptors contained at the end of the memory buffer which are not part of a complete sequence descriptors are written to the start of the memory buffer.

6. (previously presented) Method according to Claim 3 wherein, on concluding the storage of a description unit in the recording medium, a new description unit is constructed in the memory buffer associated with the said description unit if the description units contained in this memory buffer are not currently being utilized and in another memory buffer if these description units are currently being utilized.

Claims 7-9 (cancelled)

10. (previously presented) Method according to Claim 4 wherein, on concluding the storage of a description unit in the recording medium, a new description unit is constructed in the memory buffer associated with the said description unit if the description units contained in this memory buffer are not currently being utilized and in another memory buffer if these description units are currently being utilized.

11. (previously presented) Method according to Claim 5 wherein, on concluding the storage of a description unit in the recording medium, a new description unit is constructed in the memory buffer associated with the said description unit if the description units contained in this memory buffer are not currently being utilized and in another memory buffer if these description units are currently being utilized.

12. (previously presented) Method according to Claim 1 wherein, on concluding the utilization of a description unit, if the next description unit is not yet accessible on the recording medium, then the complete sequences of the descriptors of the description unit currently being constructed is utilized before its transfer on the recording medium.

13. (previously presented) Method according to Claim 2 wherein, on concluding the utilization of a description unit, if the next description unit is not yet accessible on the recording medium, then the complete sequences of the descriptors of the description unit currently being constructed is utilized before its transfer on the recording medium.

14. (previously presented) Method according to Claim 3 wherein, on concluding the utilization of a description unit, if the next description unit is not yet accessible on the recording medium, then the complete sequences of the descriptors of the description unit currently being constructed is utilized before its transfer on the recording medium.

15. (previously presented) Method according to Claim 4 wherein, on concluding the utilization of a description unit, if the next description unit is not yet accessible on the recording medium, then the complete sequences of the descriptors of the description unit currently being constructed is utilized before its transfer on the recording medium.

16. (previously presented) Method according to Claim 5 wherein, on concluding the utilization of a description unit, if the next description unit is not yet accessible on the recording medium, then the complete sequences of the descriptors of the description unit currently being constructed is utilized before its transfer on the recording medium.

Claim 17 (cancelled)

18. (Currently amended) Device for processing digital data descriptors associated with a data stream, said descriptors containing structure information related to said stream and intended to be stored in the form of description units on a recording medium with said data stream, and being read together with the reading of the corresponding data stream, comprising

-means for writing the data stream on the recording medium,

- means of construction of description units and storing of these description units in memory buffers prior to their recording on a recording medium,

- means for transferring said description units from the memory buffers the recording medium when said memory buffers have reached a predetermined threshold,

- means for reading said recorded data stream on the recording medium and associated description units,

wherein said associated description units are read from the memory buffers prior to their recording when they have not yet been transferred on the recording medium

wherein ~~it~~ said device additionally comprises means to read said data stream from the recording medium and said associated description units and when said associated description units are not yet available in the recording medium, said means read directly said associated description units in the buffer memory before their transfer on the recording medium.